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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Hirst et al. Confirmation No.: 8699

SERIAL NUMBER: 09/674,935 EXAMINER: HINES, JANA A

FILING DATE: December 21, 2000 ART UNIT: 1645

FOR: Vaccine

Mail Stop AMENDMENT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, Applicants hereby makes of record the documents listed on the attached modified Form PTO/SB/08a.

This Information Disclosure Statement is being filed after the mailing date of a non-final Office Action based on the merits but before the mailing date of any of a final action under 37 C.F.R. § 1.113, a notice of allowance under 37 C.F.R. § 1.311, or an action that otherwise closes prosecution in the application, and it is accompanied by the fee set forth in 37 CFR § 1.17(p). As such, payment in the amount of \$180.00 as set forth in 37 CFR § 1.17(p) for submission of an Information Disclosure Statement under 37 CFR § 1.97(c) is filed herewith.

It is respectfully requested that the Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims, and signs the enclosed form PTO/SB/08a, to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application.

By submitting this Information Disclosure Statement, the Applicants make no representation that: (1) a search has been performed, of the extent of any search performed, or that more relevant information does not exist; (2) the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b); and (3) the

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information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35U.S.C. §102.

The order of presentation of the references should not be construed as an indication of the importance of the references. The Examiner is urged to form his/her own conclusion regarding the relevance of the cited information.

Please charge any fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-0311. Reference No. 34407-503.

Respectfully submitted,

/Sean M. Coughlin/

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